

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV052618\
 Data File : VV006057.D
 Acq On : 26 May 2018 15:52
 Operator : SY/MD
 Sample : J3090-08 100X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 28 03:16:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 02:03:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	171264	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	161619	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68000	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56099	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.80%
7) Chloroethane-d5	1.55	69	14041	16.60	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	33.20%#
11) 1,1-Dichloroethene-d2	2.12	63	79674	35.79	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.58%
21) 2-Butanone-d5	3.96	46	64274	93.82	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.82%
24) Chloroform-d	4.40	84	106066	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.08%
26) 1,2-Dichloroethane-d4	5.09	65	73565	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.96%
32) Benzene-d6	5.10	84	211321	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
36) 1,2-Dichloropropane-d6	6.12	67	67208	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.52%
41) Toluene-d8	7.37	98	189286	47.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.24%
43) trans-1,3-Dichloropropene-	7.67	79	27595	43.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.82%
47) 2-Hexanone-d5	8.14	63	57364	106.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.97%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	94863	50.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.12%
64) 1,2-Dichlorobenzene-d4	11.68	152	72961	53.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.90%

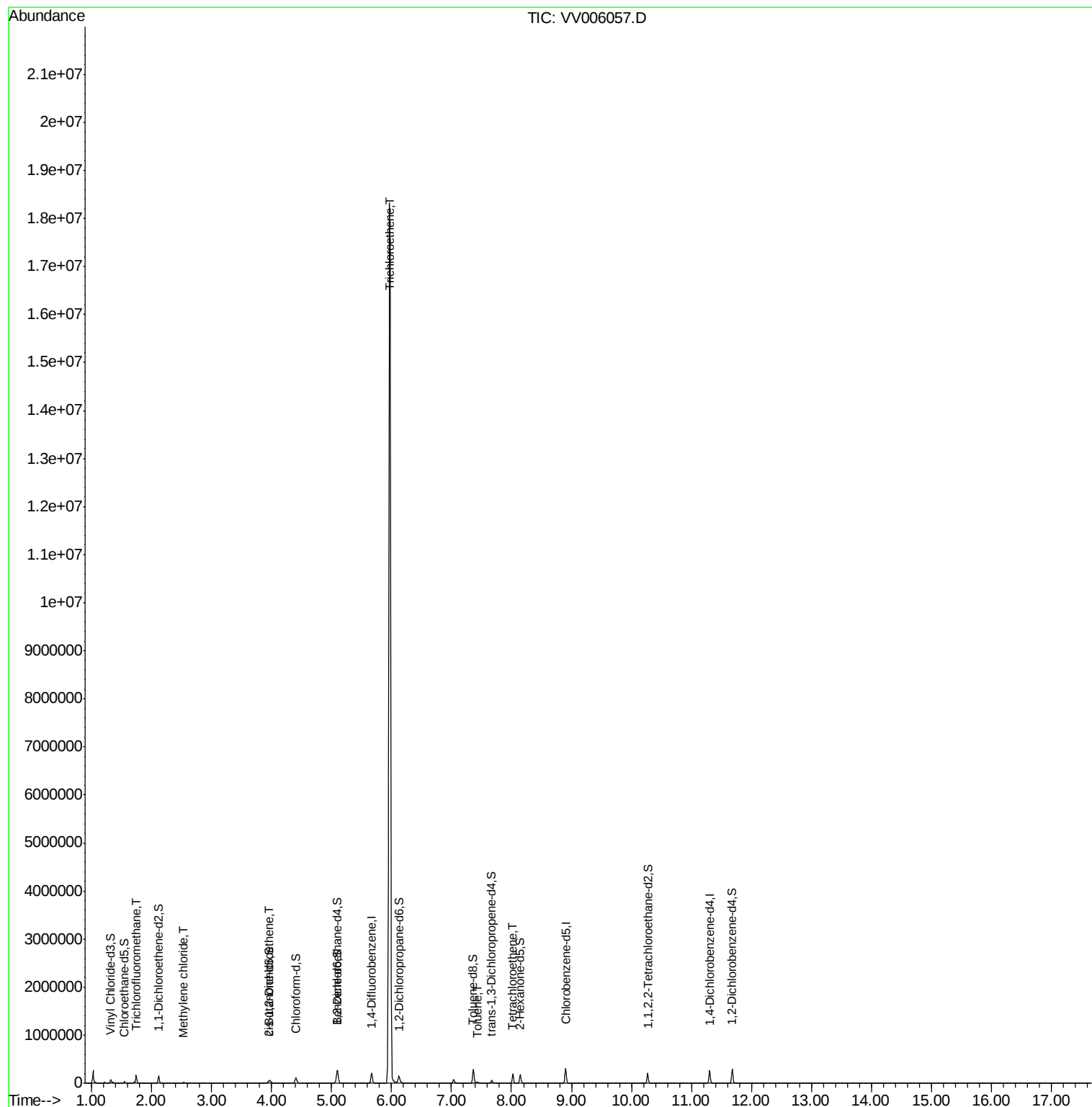
Target Compounds

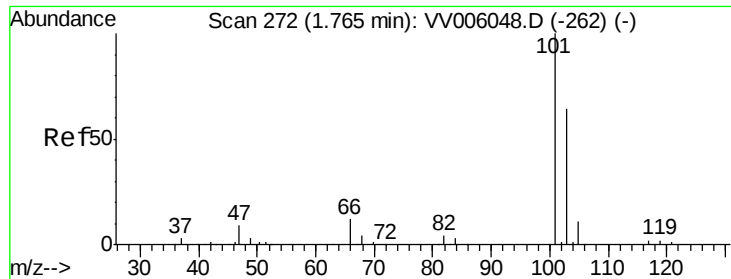
						Ovalue
9) Trichlorofluoromethane	1.75	101	98233	48.40	ug/L	99
16) Methylene chloride	2.53	84	4546	3.61	ug/L	97
20) cis-1,2-Dichloroethene	3.96	96	6618	4.87	ug/L	94
34) Trichloroethene	5.97	95	6680351	5124.82	ug/L	97
42) Toluene	7.44	91	14666	2.78	ug/L	98
46) Tetrachloroethene	8.02	164	39555	40.37	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 48.40 ug/L

RT: 1.75 min Scan# 266

Delta R.T. -0.02 min

Lab File: VV006057.D

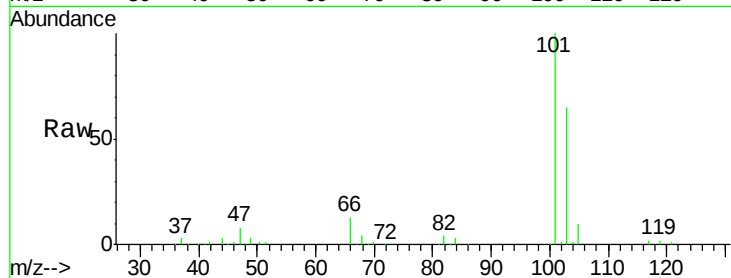
Acq: 26 May 2018 15:52

Tot Ion:101 Resp: 98233

Ion Ratio Lower Upper

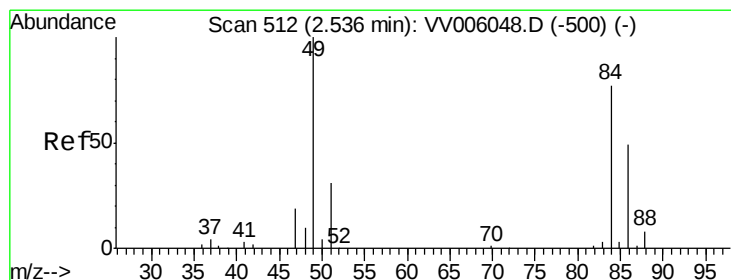
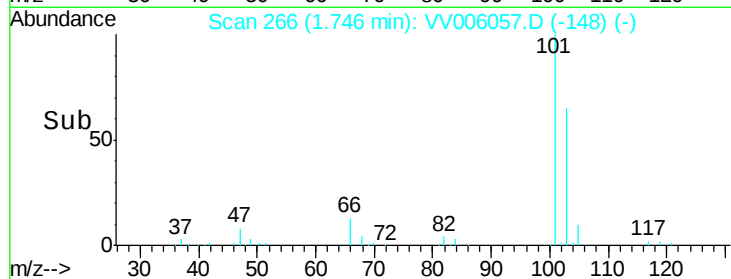
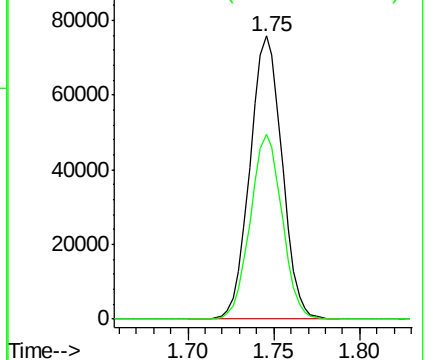
101 100

103 64.5 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#16

Methylene chloride

Concen: 3.61 ug/L

RT: 2.53 min Scan# 511

Delta R.T. -0.00 min

Lab File: VV006057.D

Acq: 26 May 2018 15:52

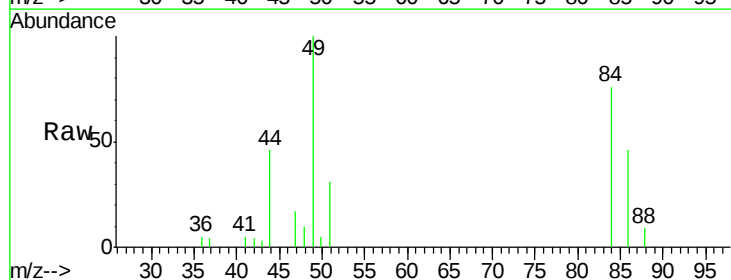
Tgt Ion: 84 Resp: 4546

Ion Ratio Lower Upper

84 100

86 61.1 45.1 83.7

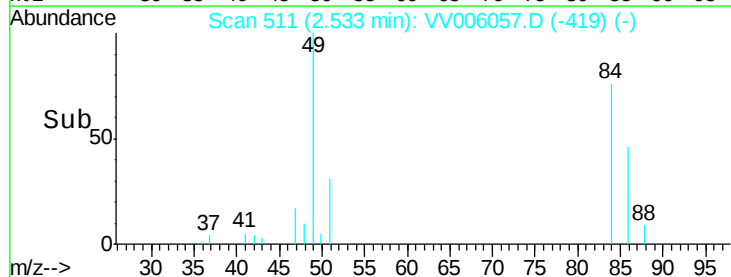
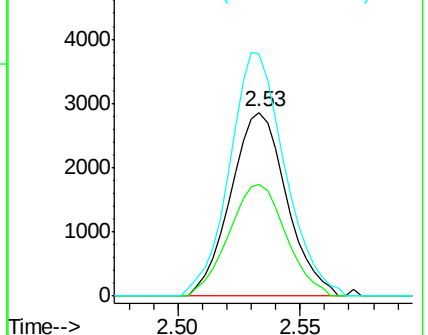
49 132.3 90.2 167.6

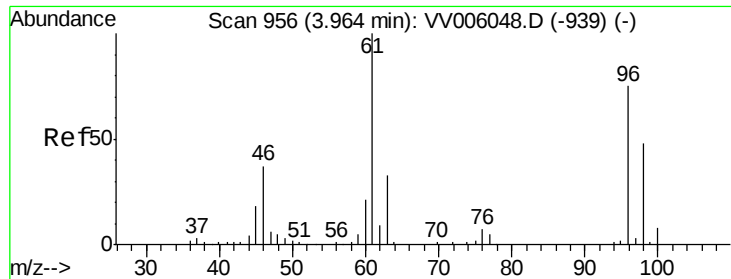


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

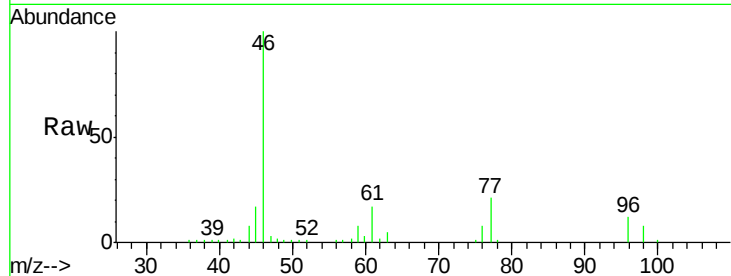
Ion 49.00 (48.70 to 49.70): VV0



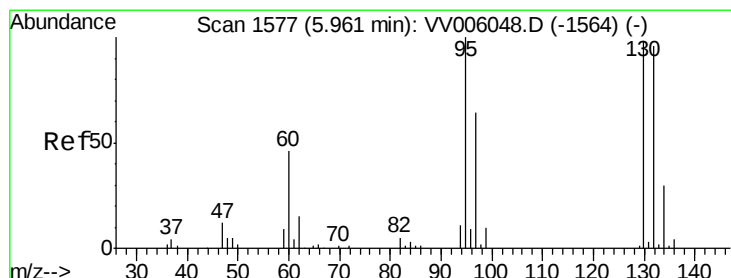
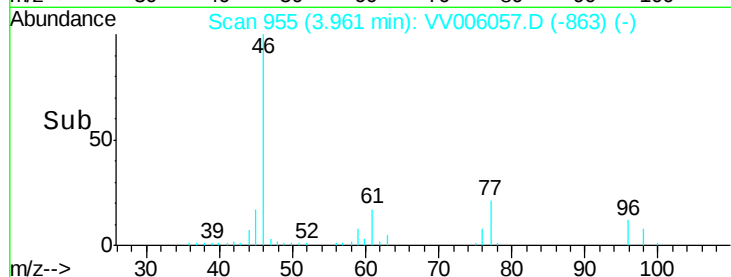
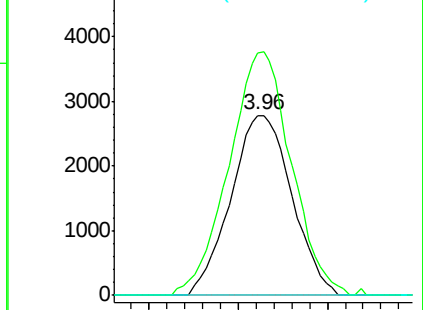


#20
 cis-1,2-Dichloroethene
 Concen: 4.87 ug/L
 RT: 3.96 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: VV006057.D
 Acq: 26 May 2018 15:52

Tot Ion: 96 Resp: 6618
 Ion Ratio Lower Upper
 96 100
 61 135.0 89.9 167.0
 68 0.0 0.0 0.0

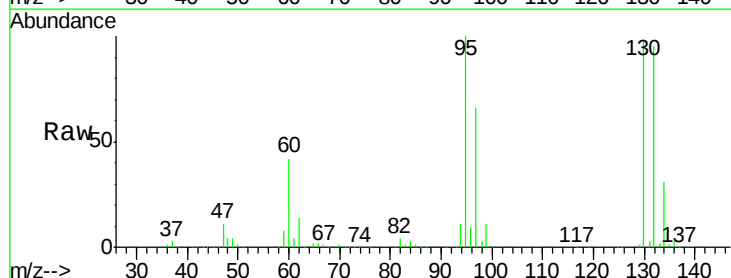


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

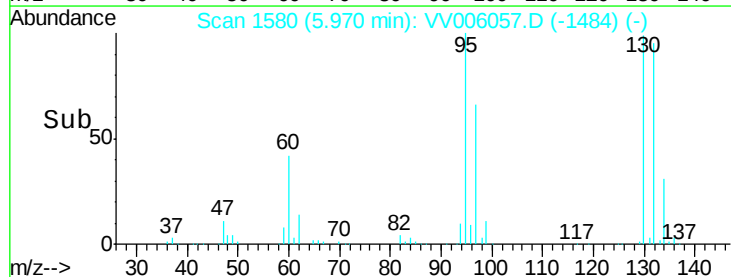
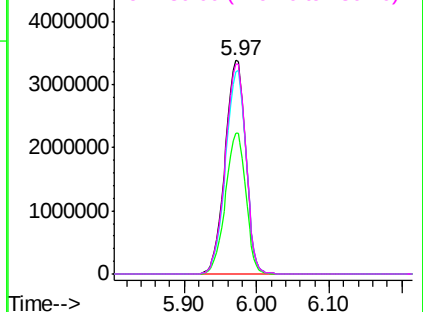


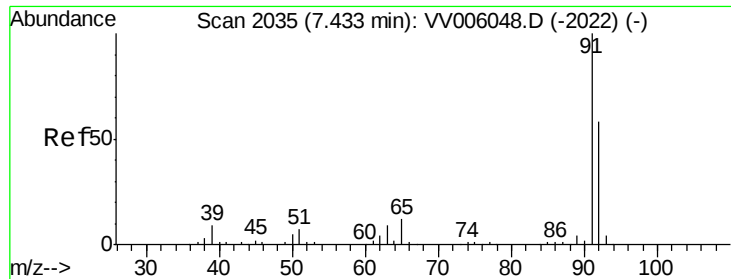
#34
 Trichloroethene
 Concen: 5124.82 ug/L
 RT: 5.97 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: VV006057.D
 Acq: 26 May 2018 15:52

Tgt Ion: 95 Resp: 6680351
 Ion Ratio Lower Upper
 95 100
 97 66.2 44.0 81.6
 132 94.6 65.0 120.6
 130 98.5 66.6 123.8



Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0





#42

Toluene

Concen: 2.78 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006057.D

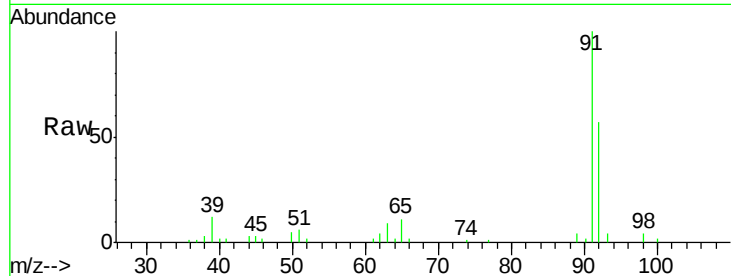
Acq: 26 May 2018 15:52

Tot Ion: 91 Resp: 14666

Ion Ratio Lower Upper

91 100

92 56.7 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VV006048.D (-2022) (-)

Ion 92.00 (91.70 to 92.70): VV006048.D (-2022) (-)

7.44

8000

6000

4000

2000

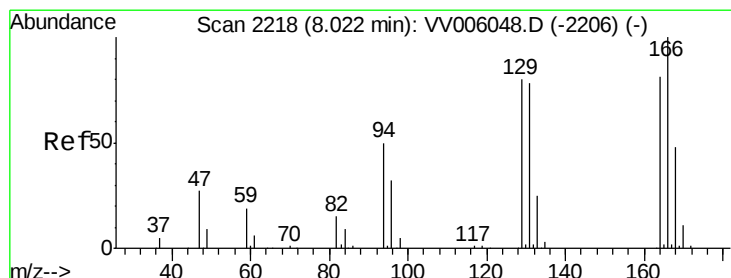
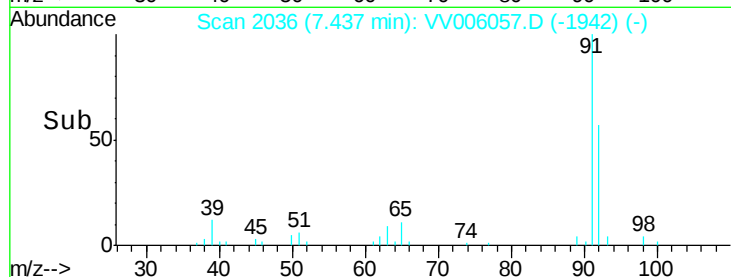
0

Time-->

7.40

7.45

7.50



#46

Tetrachloroethene

Concen: 40.37 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006057.D

Acq: 26 May 2018 15:52

Tgt Ion: 164 Resp: 39555

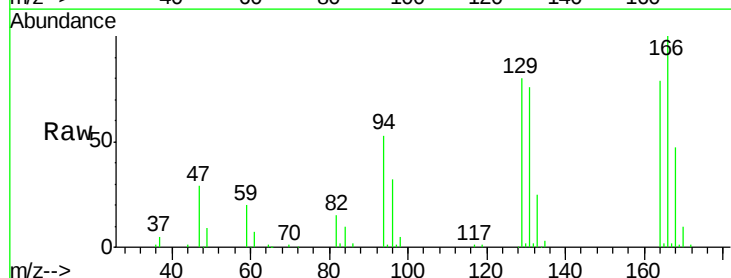
Ion Ratio Lower Upper

164 100

129 101.4 72.2 134.2

131 96.9 70.0 130.0

166 126.9 90.4 167.8



Abundance Ion 164.00 (163.70 to 164.70): VV006048.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VV006048.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VV006048.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VV006048.D (-2206) (-)

8.02

40000

30000

20000

10000

0

Time-->

7.95

8.00

8.05

8.10

